

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000549

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : C02F 1/48 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI - C02F 1/00, 1/48; F16L 55/+; F15D/+; & Keywords - turbulent+, torturous+, baffle+, plate+, voltage+, electric+, emf, condition+		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4999106 A (SCHINDLER) 12 March 1991 Whole document	1-5
X	WO 1995/008064 A (DEN NORSKE STATS OLJESELSKAP A.S) 23 March 1995 Whole document	1-2
X	US 6701963 B (HILL) 9 March 2004 Whole document	1
X	US 6186179 A (13 February 2001) Whole document	1
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 10 June 2005		Date of mailing of the international search report 20 JUN 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer Tharu Fernando Telephone No : (02) 6283 2486

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 1995/019504 A (ORION SAFETY INDUSTRIES PTY LIMITED) 20 July 1995 Whole document	1
A	US 6482318 B (REICHWEIN ET AL) 19 NOVEMBER 2002 Whole Document	1-12
A	US 4659479 A (STICKLER ET AL) 21 April 1987 Whole Document	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000549

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	4999106	EP	0352213	JP	2068191	LU	87289
WO	9508064	AU	77113/94	CA	2171828	EP	0719387
		NO	960872	US	5762107		
US	6701963	WO	2004102129				
US	6186179	AU	16880/97	AU	18211/97	AU	24205/97
		AU	26574/97	US	6143108	US	6248852
		US	6294217	US	6319551	WO	9722653
		WO	9722893	WO	9724223	WO	9724635
WO	9519504	AU	14093/95	EP	0746691	US	6047903
US	6482318	AU	28262/01	DE	10005907	EP	1232119
		WO	0138226				
US	4659479	NONE					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							